

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051923\
 Data File : VW026015.D
 Acq On : 19 May 2023 19:16
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

Quant Time: May 20 05:11:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 20 04:57:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	586773	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	528716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	269099	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	134358	16.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.640%
7) Chloroethane-d5	2.899	69	124609	20.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.840%
11) 1,1-Dichloroethene-d2	4.027	65	70297	16.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.520%
21) 2-Butanone-d5	7.075	46	133225	48.466	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.940%
24) Chloroform-d	7.648	84	355887	21.034	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.120%
26) 1,2-Dichloroethane-d4	8.301	65	195465	20.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.720%
32) Benzene-d6	8.270	84	687925	19.912	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.640%
36) 1,2-Dichloropropane-d6	9.270	67	227690	20.599	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.400%
41) Toluene-d8	10.319	98	586911	19.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	10.575	79	82038	18.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.240%
47) 2-Hexanone-d5	10.922	63	92971	49.325	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	198967	23.617	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	201000	20.490	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	132376	20.193	ug/L	99
3) Chloromethane	2.223	50	221834	22.950	ug/L	100
5) Vinyl chloride	2.375	62	219129	21.903	ug/L	99
6) Bromomethane	2.783	94	127415	23.416	ug/L	97
8) Chloroethane	2.930	64	140462	24.691	ug/L	100
9) Trichlorofluoromethane	3.265	101	146063	19.345	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	197179m	24.013	ug/L	
12) 1,1-Dichloroethene	4.045	96	175023	22.303	ug/L	94
13) Acetone	4.119	43	91902	37.705	ug/L	100
14) Carbon disulfide	4.393	76	546947	20.609	ug/L	99
15) Methyl Acetate	4.667	43	119364	24.851	ug/L	99
16) Methylene chloride	4.917	84	221137	18.274	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	194753	22.749	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	312851	24.078	ug/L	99
19) 1,1-Dichloroethane	6.216	63	425926	24.215	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	216436	23.565	ug/L	98
22) 2-Butanone	7.167	43	146498	43.528	ug/L	96
23) Bromochloromethane	7.514	128	91588	23.538	ug/L	95
25) Chloroform	7.673	83	397606	24.595	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	273223	23.798	ug/L	99
29) Cyclohexane	7.953	56	367158	22.409	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	309343	23.924	ug/L	99
31) Carbon tetrachloride	8.069	117	275288	23.657	ug/L	100
33) Benzene	8.319	78	884253	24.174	ug/L	100
34) Trichloroethene	9.087	95	219200	23.353	ug/L	96
35) Methylcyclohexane	9.331	83	377550	22.615	ug/L	100
37) 1,2-Dichloropropane	9.368	63	244133	24.360	ug/L	100
38) Bromodichloromethane	9.642	83	278963	24.262	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	329185	22.398	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	335767	51.472	ug/L	100
42) Toluene	10.386	91	909552	24.335	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	282101	23.165	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	167295	24.955	ug/L	98
46) Tetrachloroethene	10.861	164	151009	22.868	ug/L	97
48) 2-Hexanone	10.965	43	232994	49.858	ug/L	99
49) Dibromochloromethane	11.129	129	171419	24.698	ug/L	93
50) 1,2-Dibromoethane	11.233	107	150789	24.399	ug/L	89
51) Chlorobenzene	11.654	112	548650	23.696	ug/L	97
52) Ethylbenzene	11.727	91	1016733	24.183	ug/L	99
53) m,p-Xylene	11.837	106	374509	24.203	ug/L	93
54) o-Xylene	12.166	106	357129	24.486	ug/L	92
55) Styrene	12.178	104	622183	24.924	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	211257	25.255	ug/L	98
59) Bromoform	12.349	173	98812	24.790	ug/L	100
60) Isopropylbenzene	12.458	105	987499	24.142	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	153892	24.198	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	788542	24.339	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	716718	23.973	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	391403	22.228	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	413528	23.245	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	368152	23.444	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	34761	23.571	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	252519	21.604	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	202247	20.654	ug/L	93
71) Naphthalene	15.360	128	442269	23.930	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	203588	23.432	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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